



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3456-1
Job Sheet 175181



Part No: D3456-1

Job Qty: 50 ea

Part Name: Washer



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/28/18

Job Tracking No:

Due Date: 4/13/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A IPP A 05.10.03 New issue KJ/JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	50 pcs		4/13/18	0.00	0.00	Purchasing		AK 18/04/02
110	Packaging	50 pcs		4/13/18	0.00	0.00	Packaging2		AT 18/04/02
120	QC	50 pcs		4/13/18	0.00	0.00	QC6		11 APR 02 2018
130	Packaging	50 pcs		4/13/18	0.00	0.00	Packaging3-1	5/030	9-89
140	QC21-SA	50 Ea		4/13/18	0.00	0.00	QC21		APR 03 2018

Part Op 100 - Issue P/O: 39442 P/N: 91525A120 per Dwg D3456 Possible Supplier: McMaster-Carr
Descriptions: 110 - Ensure Material Release Note is attached

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
91525A120	washer D3456-1	50 pcs (1 ea)	100-Purchasing	

MAR 28 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	91525A120	50	25	0

Part Specifications

Specifications could not be found.

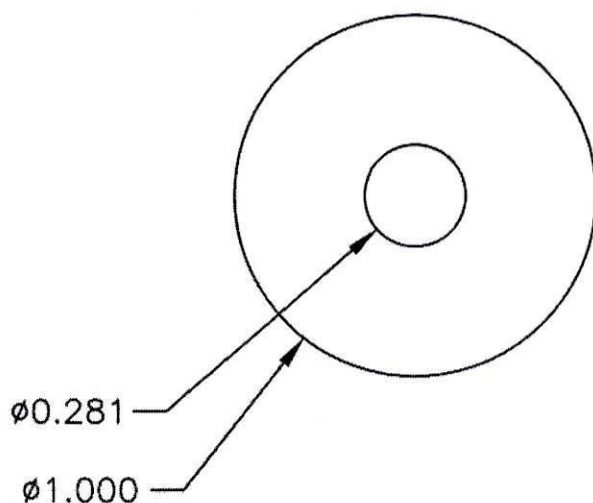
H:/FORMS/Quality Assurance\approved QA/NCRWO Rev I



DESIGN CP	DRAWN BY CP	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3456	REV. A SHEET 1 OF 1
DATE 05.09.01		TITLE WASHER	SCALE 2:1
A	05.09.01	NEW ISSUE	

RELEASED
05.09.06-[Signature]

SPECIFICATION CONTROL DRAWING



D3456-1 WASHER

- 1) MATERIAL: 316 STAINLESS STEEL, 0.050" THICK
- 2) MAY PURCHASE McMASTER-CARR P/N 91525A120
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				



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PURCHASE ORDER

PO039442

Supplier: MCM001-VU
McMaster-Carr Supply Co.
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039442

PO Date: 3/28/18

Due Date: 3/29/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
MAR 29 2018

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	91525A120		washer D3456-1 AS PER DWG D3456 REV.A	Firmed	3/29/18	50 pcs	0 pcs	50 pcs	\$0.232/pcs	\$11.60
Line Item Note job no. 175181										
2	8997K11		Cushion w/Adhesive Back 60A durometer	Firmed	3/29/18	3.6 sf	0 sf	4 sf	\$51.02777/sf	\$183.70
Line Item Note 10 pcs of 6" x 6" = 3.6 sf										
3	59915K274		Rod End Bearing	Firmed	3/29/18	20 pcs	0 pcs	20 pcs	\$17.14/pcs	\$342.80
Line Item Note job no 175121										
4	1272T34	3 ft long	304 SS Rod, 4mm dia. receive ft	Firmed	3/29/18	6 ft	0 ft	6 ft	\$2.15/ft	\$12.90
5	91253A540	50/pk	Head Head Cap Screw receive pcs	Firmed	3/29/18	50 pcs	0 pcs	50 pcs	\$0.1572/pcs	\$7.86
6	C2-14-2	91654A106 100/pk	Label Rivets	Firmed	3/29/18	100 Ea	0 Ea	100 Ea	\$0.027/Ea	\$2.70
7	52375K36	25 FT	Tubing	Firmed	3/29/18	50 ft	0 ft	50 ft	\$1.88/ft	\$94.00
Line Item Note 2 roll of 25 ft										

Plex 3/28/18 1:54 PM dart.lavoie.chantal

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

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Hawkesbury ON K6A 1K7
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Purchase Order
PO039442
Order Placed By
Chantal Lavoie

Page 1 of 1
03/28/2018

McMaster-Carr Number
1362872-01

Line	Product	Ordered	Shipped
1	91525A120 316 Stainless Steel Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1" OD, Packs of 25	2 Packs	2
2	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	20 Each	20
4	91253A540 Black-Oxide Alloy Steel Hex Drive Flat Head Screw, 1/4"-20 Thread Size, 3/4" Long, Packs of 50	1 Pack	1
5	91654A106 18-8 Stainless Steel Screw Nails for Metal, Plastic & Plywood, Size 4, 1/4" Long, Packs of 100	1 Pack	1
6	52375K36 High-Pressure PVC Tubing for Food/Beverage/Dairy, 3/4" ID, 1-1/32" OD, 25 Feet Long	50 Feet	50

DAS
11
9-89